Jan Jiménez Serra

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EDUCATION

M.Sc. in Computer Science   Sep. 2020 – Present
Trinity College Dublin   *Dublin, Ireland*
Specified in Machine Learning, Computer Graphics and Virtual Reality

Bachelor's in Computer Engineering and Information Systems   Sep. 2016 – Dec. 2019
Universitat Pompeu Fabra   *Barcelona, Spain*
Studied a semester at *Ajou University*   2017
                                                                 Suwon, South Korea

EXPERIENCE

Full-stack Software Engineer   April 2018 – Dec. 2019
NexoTech   *Mataró, Barcelona (Spain)*
Led project about designing and building of a full-stack web application for people counting on enclosures with IoT and Deep Learning implementations.

- Implemented a Machine Learning model that recognized gender and age.
- Built the back-end with Java and Spring as the framework, plus an API to access the information of the database.
- Built the front-end with HTML, CSS and JavaScript, using React JS as the main framework.
- Designed and implemented the database structure.
- Used and installed infrared sensors for people counting.
- Used Git for version control and team-working.
- Co-designed and implemented a new website for the company.

Software Engineer Internship   March 2017 – Sep. 2017
ALTRAN, Information Services and Technologies   *Barcelona, Spain*
- Joined a team developing Gaia, a Web Application aimed at giving the best solution to data and knowledge management.
- Created algorithms and methods in Java, such as user verification.
- Designed and built unit testing functions.

PROJECTS

Brindo App | *React Native, Firebase Database, SCSS, Git*   June 2020 – Present
- Developed a cross-platform mobile nightlife application with chatting, geolocalization and matching system.
- Used React Native as the main framework, and built a server-less app using Firebase

What Movie To Watch | *JavaScript, HTML, CSS, Git, API*   March 2020
- Designed and developed a Web Application that recommends films after the user has provided liked films.
- Built with Reach JS and used themoviedb API to get recommended movies.

More Web and Mobile applications projects in an abundance of programming language, frameworks and libraries can be found at: github.com/janjs

SKILLS

Programming Languages: *(Proficient)* **Java** · **JavaScript** *(Experience)* **Python** · **C++(Computer Graphics)**.
Frameworks: React JS · Spring · React Native · Django · Android SDK.
Database Management: SQL · Oracle SQL · MySQL · PL/SQL.
Libraries and Developer Tools: Git · JSON · Redux · Android Studio · Eclipse · IntelliJ · VS Code · AWS · XCode.
Web Markup Languages and CMS: HTML5 · CSS3 · WordPress · Shopify · PrestaShop.
Others: Object-Oriented Programming · Computer Networking · Computer Graphics · Machine and Deep Learning.

Spoken Languages: English(*Level C1 - Cambridge English: Advanced*) · Spanish(*Native*) · Catalan(*Native*).